# Report for ASE - Homewok 1

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Repo link: <a href="https://github.com/giuseppe-crea/ASE">https://github.com/giuseppe-crea/ASE</a> Assignment 1

## Screenshots

Successful execution of the tests

```
Coverage: platform win32, python 3.9.0-final-0

Name Stats Miss Branch BrPart Cover Missing

bedrock.a.party\classes\party.py 64 8 10 2 80% 17, 31, 39-40, 99, 102, 107, 110

bedrock.a.party\visus\parties.py 73 11 22 5 81% 25-229, 49-53, 64-967, 85-86, 93-94, 112-113, 135

TOTAL 188 19 32 7 87%

of files skipped due to complete coverage.

Coverage HTML written to dir htmlcov

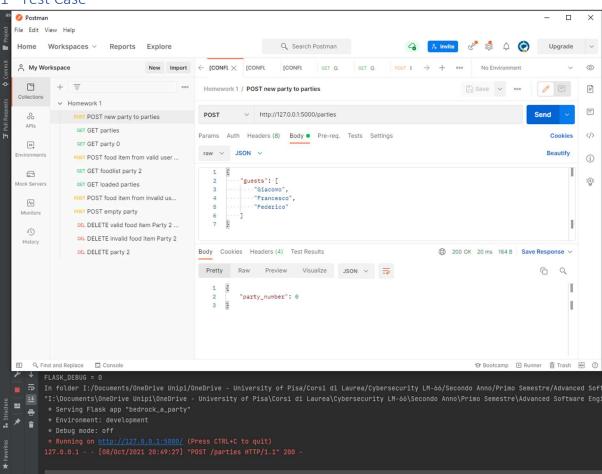
# FAIL Required test coverage of 98% not reached. Total coverage: 87.27%

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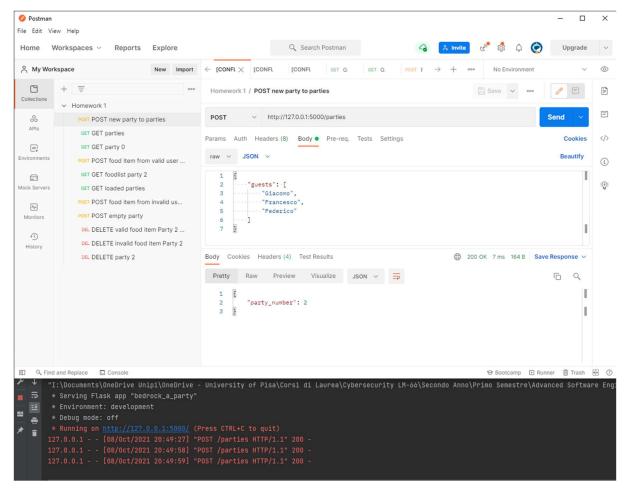
Operations sorted by the order in which they appear within the test file.

1- Test File Success

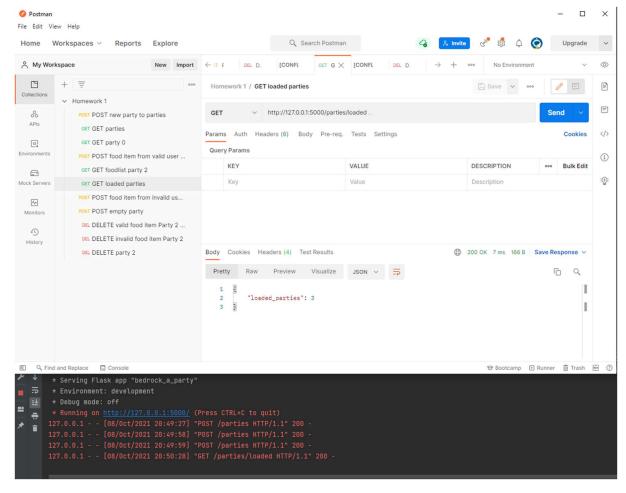
#### 1<sup>st</sup> Test Case



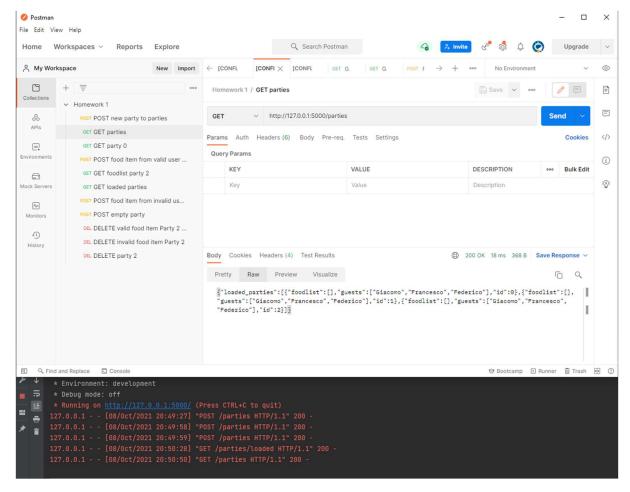
2- POST a new party in /parties



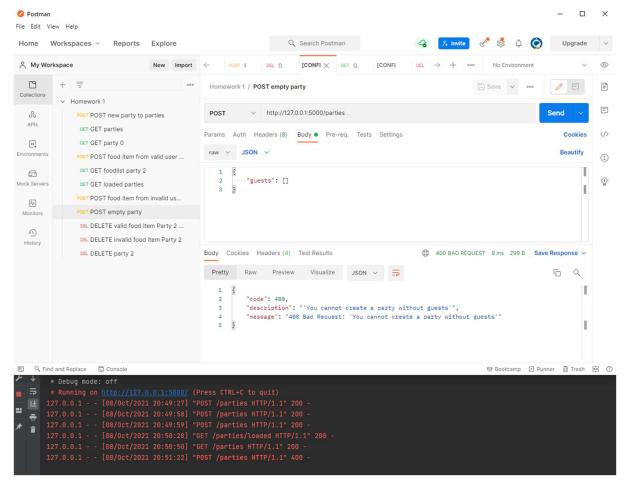
3- POST two additional copies of that party



3- GET /parties/loaded

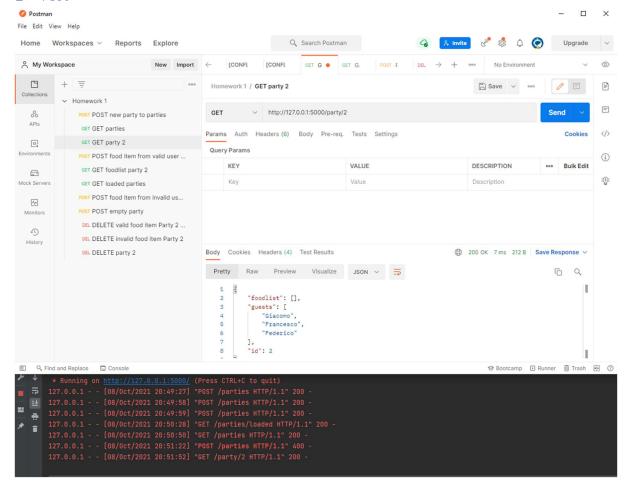


4- GET /parties, return json shrunk for readability

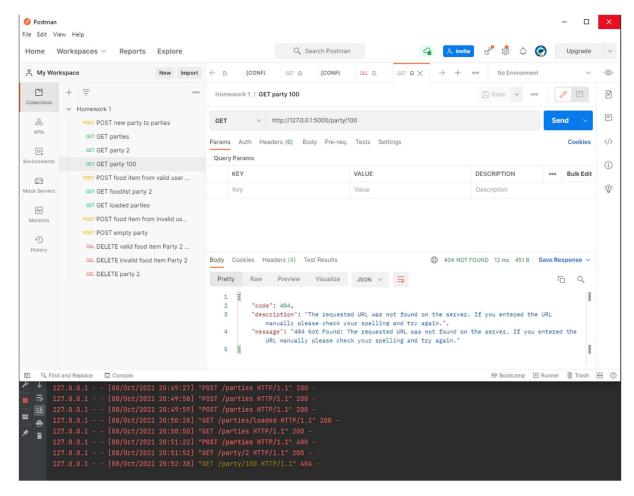


5- POST /parties with empty party

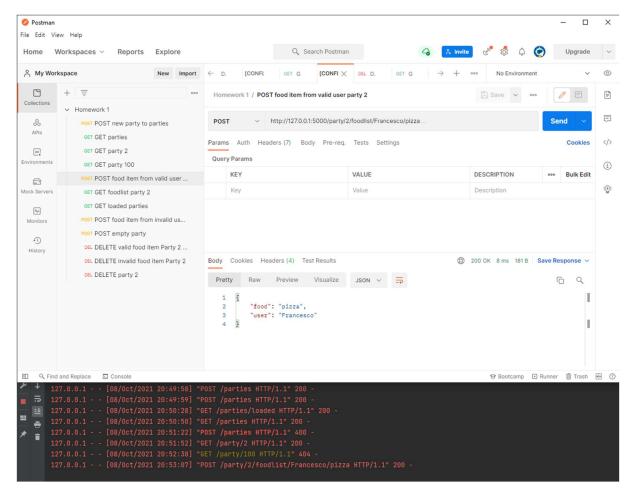
2<sup>nd</sup> Test



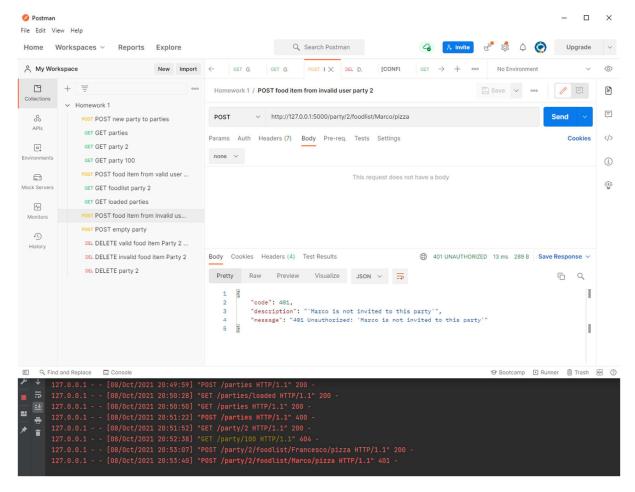
6- GET /party/2



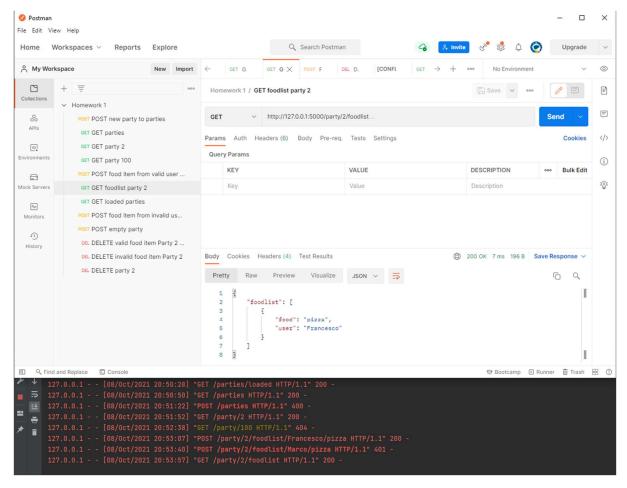
7- GET /party/100



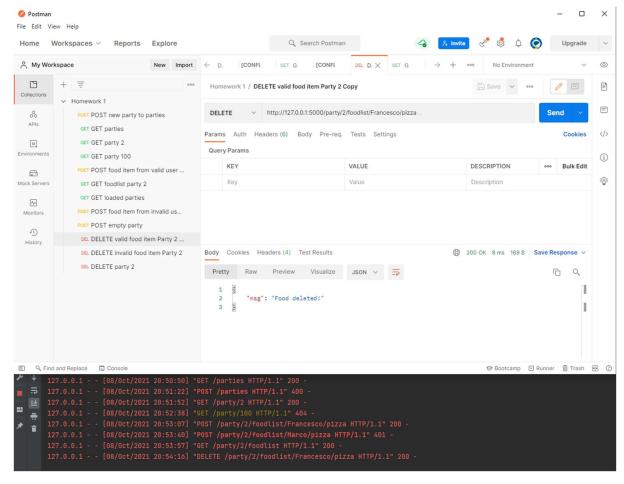
8- POST a new food item in existing party from guest of that party



9- POST a new food item to existing party from someone who is NOT a guest of that party

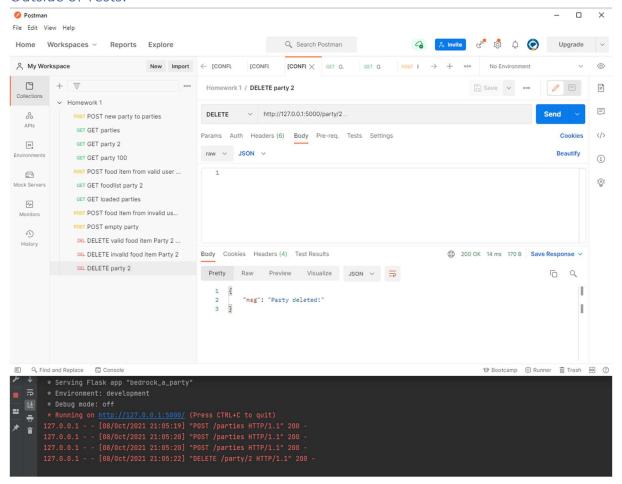


10- GET party/2/foodlist

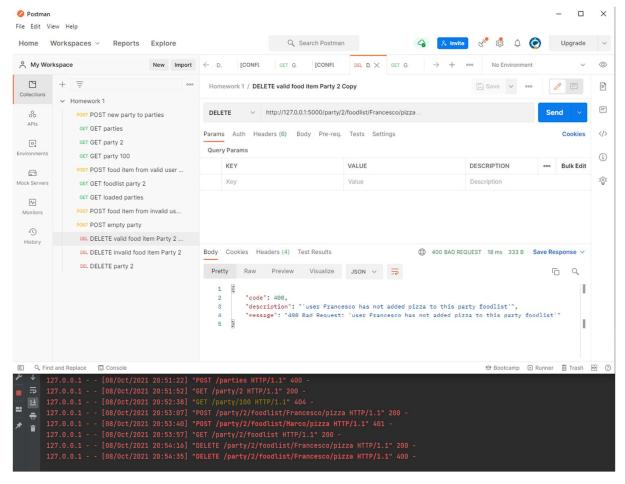


11- DELETE valid food item from foodlist

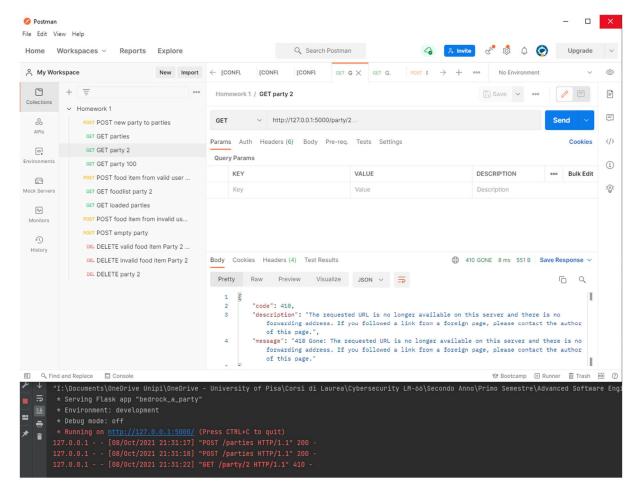
### Outside of Tests:



12- Delete an existing Party (lines 52-56 of parties.py)



13- Delete a non-existent food item from a party, through a valid guest (lines 39-40 of party.py and 96-97 of parties.py)

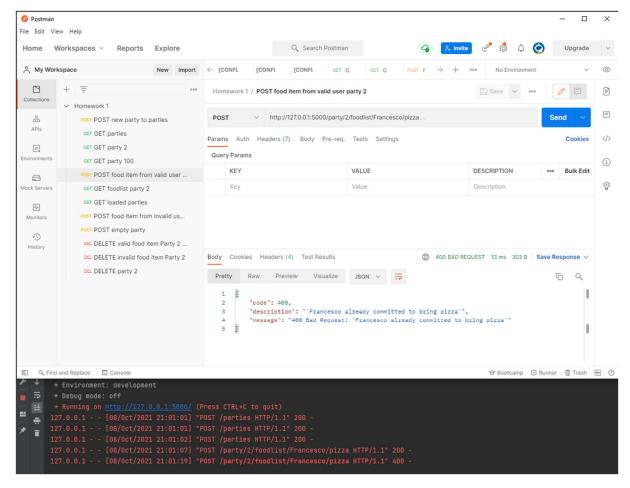


14- GET a non-existing party in a special condition

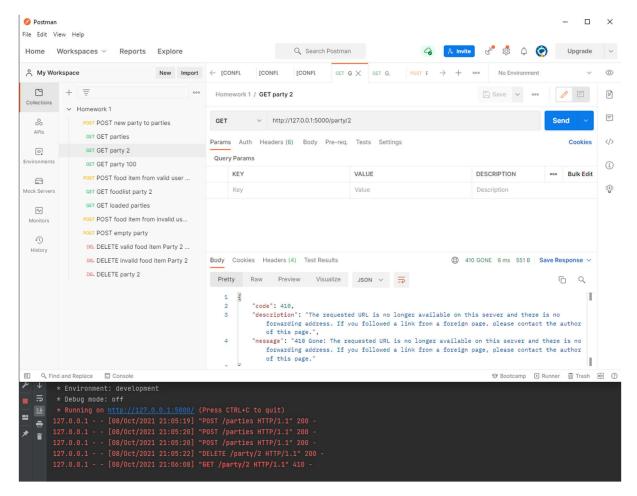
The above code deserves remarking upon, as it is a bug generated by line 135 of parties.py.

#### if int ( id) > PARTY NUMBER.

This line should be a >= check, because \_PARTY\_NUMBER is incremented right after assigning the latest party id. This means that it will always be 1 higher than the highest valid party id. If the highest party id is 1 as in that picture, and we try and GET the party with id 2, we will receive an inaccurate error message as a result.



15- One user trying to insert the same food twice (lines 30-31 of party.py and 88-89 of parties.py)



16- Trying to access a deleted party (line 138, parties.py)

This should cover all possible operations within the code.